What is claimed is:

1   1.   A method of displaying information, comprising:

2   presenting a first subset of information of a file in a scrollable area, the first subset

3   of information comprising, at least in part, a second subset of information, the second

4   subset of information being designated as a materialization entity; and

5   when the file in the scrollable area is scrolled and at least a portion of the

6   materialization entity is scrolled out of the scrollable area, displaying the materialization

7   entity, at least in part, in a materialization area.

1   2.   The method of Claim 1 further comprising:

2   associating a materialization attribute with the materialization entity to designate

3   the second subset of information as the materialization entity.

1   3.   The method of Claim 1 wherein the scrollable area is in a window and the

2   materialization area is also in that same window.

1   4.   The method of Claim 1 wherein the scrollable area is in a first window, and

2   wherein the materialization area is in a second window, different from the first window,

3   to provide a materialization window.

1   5.   The method of Claim 4 wherein the materialization window is adjacent to the first

2   window.

1   6.   The method of Claim 1 further comprising:

2   when the at least a portion of the materialization entity is scrolled out of view,

3   displaying the materialization area.

1   7.   The method of Claim 1 further comprising:

2   displaying the materialization area in response to a user activation.

1 8. The method of Claim 1 further comprising:

2 when the materialization entity is scrolled back into the scrollable area, deleting

3 the materialization window containing the materialization entity.

1 9. The method of Claim 1 wherein a third subset of the information of the file is

2 designated as an additional materialization entity; and

3 when at least a portion of the additional materialization entity is scrolled out of

4 view, displaying the additional materialization entity, at least in part, in the

5 materialization area.

1 10. The method of Claim 1 further comprising:

2 when the materialization entity is scrolled back into the scrollable area, deleting

3 the materialization entity from the materialization area.

1 11. The method of Claim 1 further comprising:

2 in response to a user signal with respect to the materialization entity in the

3 materialization area, scrolling the file such that the materialization entity is displayed in

4 the scrollable area.

1 12. The method of Claim 2 wherein the materialization entity is associated with a

2 materialization entity designation of temporary, further comprising:

3 when the file is closed, disassociating the materialization attribute from the

4 materialization entity.

1 13. The method of Claim 1 wherein the materialization entity is associated with a

2 materialization entity designation of permanent, further comprising when the

3 materialization entity designation is permanent, storing the materialization entity

4 designation in persistent storage.

1 14. An article of manufacture comprising a computer program usable medium
2 embodying one or more instructions executable by a computer for performing a method
3 of displaying information, the method comprising:
4 presenting a first subset of information of a file in a scrollable area, the first subset
5 of information comprising, at least in part, a second subset of information, the second
6 subset of information being designated as a materialization entity; and
7 when the file in the scrollable area is scrolled and at least a portion of the
8 materialization entity is scrolled out of the scrollable area, displaying the materialization
9 entity, at least in part, in a materialization area.

1 15. The article of manufacture of Claim 14, said method further comprising:
2 associating a materialization attribute with the materialization entity to designate
3 the second subset of information as the materialization entity.

1 16. The article of manufacture of Claim 14 wherein the scrollable area is in a window
2 and the materialization area is also in that same window.

1 17. The article of manufacture of Claim 14 wherein the scrollable area is in a first
2 window, and wherein the materialization area is in a second window, different from the
3 first window, to provide a materialization window.

1 18. The article of manufacture of Claim 17 wherein the materialization window is
2 adjacent to the first window.

1 19. The article of manufacture of Claim 17, said method further comprising:
2 when the materialization entity is scrolled back into the scrollable area, deleting
3 the materialization window containing the first entity.

1 20. The article of manufacture of Claim 17, said method further comprising:
2 when the materialization entity is scrolled back into the scrollable area, deleting
3 the materialization entity from the materialization area.

1   21.   The article of manufacture of Claim 14, said method further comprising:

2   when the at least a portion of the materialization entity is scrolled out of view,

3   displaying the materialization area.

1   22.   The article of manufacture of Claim 14, said method further comprising:

2   displaying the materialization area in response to a user activation.

1   23.   The article of manufacture of Claim 14 wherein a third subset of the information

2   of the file is designated as an additional materialization entity; said method further

3   comprising:

4   when at least a portion of the additional materialization entity is scrolled out of

5   view, displaying at least the portion of the additional materialization entity in the

6   materialization area.

1   24.   The article of manufacture of Claim 14, said method further comprising:

2   in response to a user signal with respect to the materialization entity in the

3   materialization area, scrolling the file such that the materialization entity is displayed in

4   the scrollable area.

1   25.   The article of manufacture of Claim 15 wherein the materialization entity is

2   associated with a materialization entity designation of temporary, said method further

3   comprising:

4   when the file is closed, disassociating the materialization attribute from

5   materialization entity.

1   26.   The article of manufacture of Claim 14 wherein the materialization entity is

2   associated with a materialization entity designation of permanent, further comprising

3   when the materialization entity designation is permanent, storing the materialization

4   entity designation in persistent storage.

1   27.   An apparatus for displaying information comprising:

2   a processor; and

3   a memory storing instructions that:

4   present a first subset of information of a file in a scrollable area, the first

5   subset of information comprising, at least in part, a second subset of information, the

6   second subset of information being designated as a materialization entity; and

7   display the materialization entity, at least in part, in a materialization area

8   when the file in the scrollable area is scrolled and at least a portion of the materialization

9   entity is scrolled out of the scrollable area.

1   28.   The apparatus of Claim 27 further comprising one or more instructions that:

2   associate a materialization attribute with the materialization entity to designate the

3   second subset of information as the materialization entity.

1   29.   The apparatus of Claim 27 wherein the scrollable area is in a window and the

2   materialization area is also in that same window.

1   30.   The apparatus of Claim 27 wherein the scrollable area is in a first window, and

2   wherein the materialization area is in a second window, different from the first window,

3   to provide a materialization window.

1   31.   The apparatus of Claim 30 wherein the materialization window is adjacent to the

2   first window.

1   32.   The apparatus of Claim 27, further comprising one or more instructions that:

2   display the materialization area when the at least a portion of the materialization

3   entity is scrolled out of view.

1   33.   The apparatus of Claim 27, further comprising one or more instructions that:

2   display the materialization area in response to a user activation.

1   34.   The apparatus of Claim 27, further comprising one or more instructions that:

2   delete the materialization window containing the materialization entity.

1   35.   The apparatus of Claim 27, wherein a third subset of information of the file is

2   designated as an additional materialization entity; and further comprising one or more

3   instructions that:

4   display the additional materialization entity, at least in part, in the materialization

5   area when at least a portion of the additional materialization is scrolled out of view.

1   36.   The apparatus of Claim 27, further comprising one or more instructions that:

2   delete the materialization entity from the materialization area when the

3   materialization entity is scrolled back into the scrollable area.

1   37.   The apparatus of Claim 27, further comprising one or more instructions that:

2   scroll the file such that the materialization entity is displayed in the scrollable area

3   in response to a user signal with respect to the materialization entity in the materialization

4   area.

1   38.   The apparatus of Claim 28, wherein the materialization entity is associated with a

2   materialization entity designation of temporary, further comprising one or more

3   instructions that:

4   disassociate the materialization attribute from materialization entity when the file

5   is closed.

1   39.   The apparatus of Claim 27 wherein the materialization entity is associated with a

2   materialization entity designation of permanent, further comprising when the

3   materialization entity designation is permanent, storing the materialization entity

4   designation in persistent storage.